



SOKKIA

**FIELD
BOOK**

No. 8152-60

Property of _____

Address _____

Telephone _____

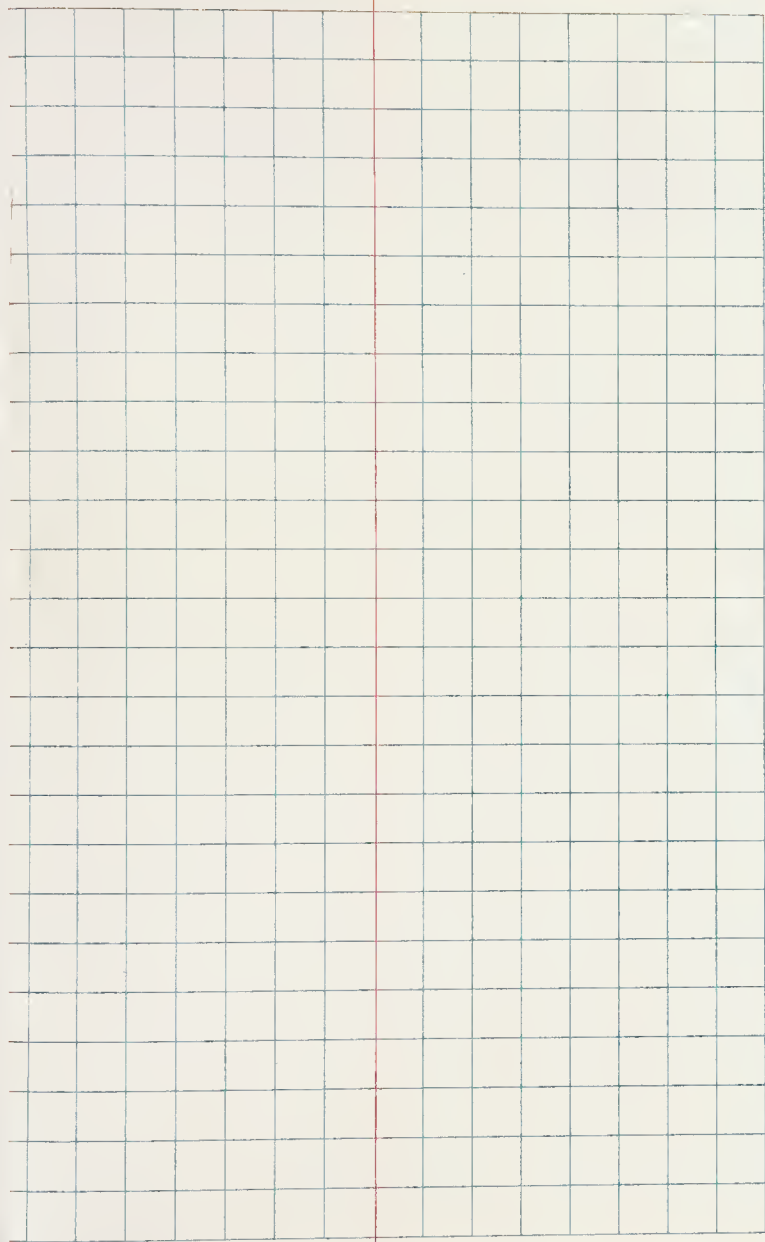
This Book is manufactured of a High Grade
50% Rag Ledger Paper having a Water Resist-
ant Surface, and is sewed with Nylon Water-
proof Thread.

815260



INDEX

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.





May 21, 2001

Red Hill on W Br.
Susquehanna River
3 1/2 mi W of Haver
PA.

Dug Row from
O'Brien

Abandoned Channel
in a paleosol sequence

Duncanville Mbr of the
Catskill Fm.

Famennian 2

Seed plants

Earliest forest fires
until last MD,
now Silurian Forest Fires

Hyperic a bifidum.

det. by Keith Thon

Max. fins

ACTINOPTERYGII

PRACOLLERMS.

1 Sp. of Rhacopteryx
just as branch -

1 Rhacophyton.

1 Rhacophyton

1 Rhacophyton

1 Rhacophyton

filled in the
pond -

1 section of R.

DP 0416

7/11/04

Ludlow SS Channels

Tremblay SSE

at 1220

Channel pinches

laterally

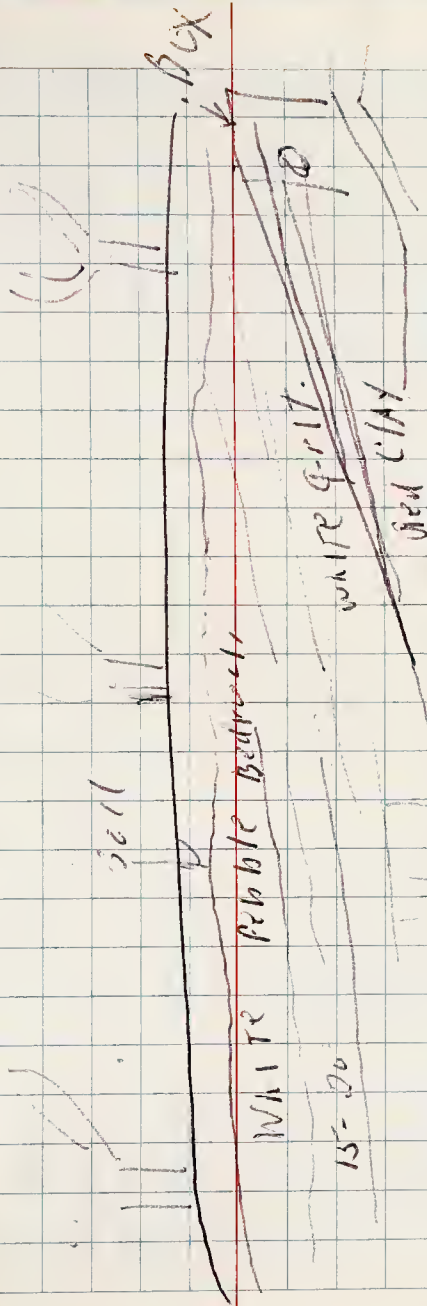
about 150 m wide

7/11/04 ON Cannonball Cr.
w DAW Peppe &
DR. HARSER

W Hell Creek Fm
GT Hadrosaur site
K/T Bdy above.

PX 2 Q Quantia Polychaeta
ON Cannonball Cr.
NEAR DP 0415

SAC HILL



May 21.

North Bend, PA

Intersection of B.T.C.

PA 120 + Maple Ave

W. Side

American Chestnut

July 13,

Browns Ranch
heading NE in
Lower Red Blk
Browns Corr WAXPF
WR at 109

DPO4108 at 110 WP
Good Section
PX

DPO4109
Slump section
So called "T" cross cut
Double one.

112 WR

PX Yellow SS. Channel
intercal to a ling. to
scoria on skyline
1 mi to north.

WD114 looking N
on axis of large
SS channel.

7/13/07
WP 117 on level above
#2 Coal

Px of #1 Coal
forming prominent
terrace to S x
E

WP 120 Px of Coal 2.

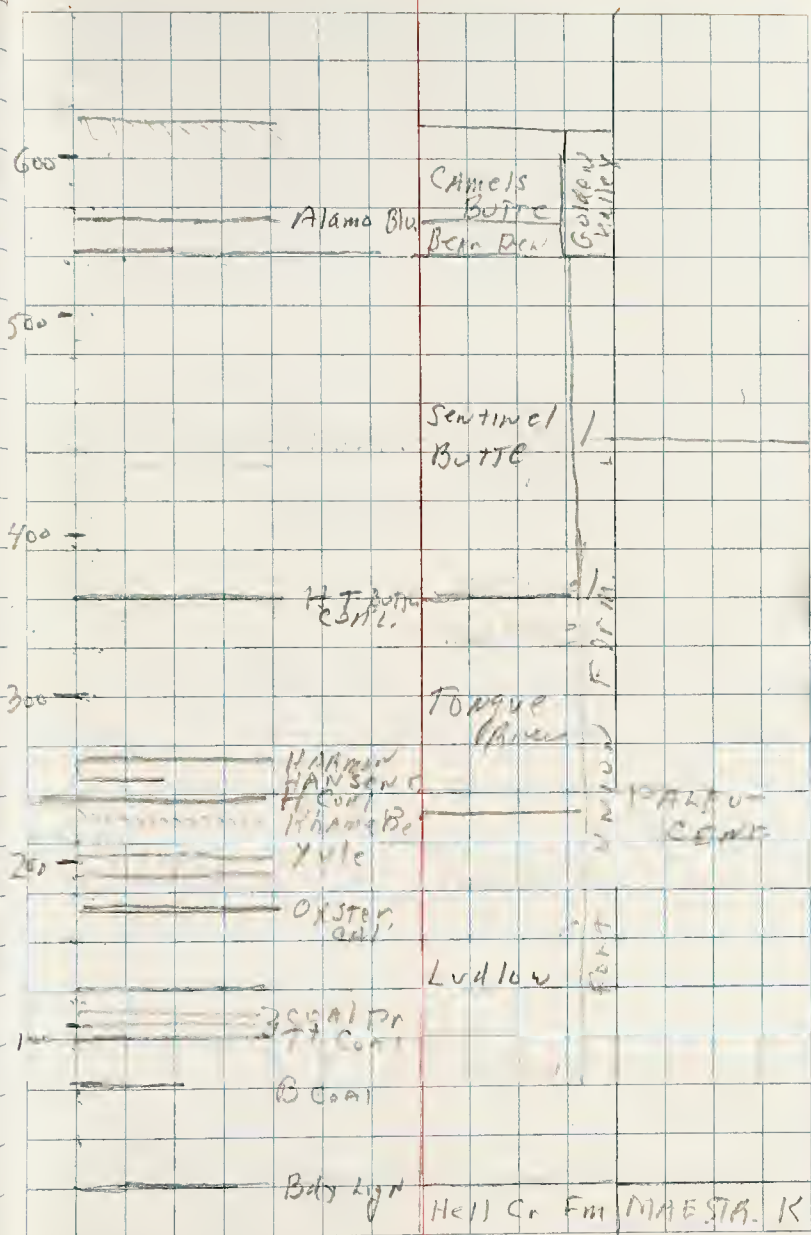
WP 121 Corbula Tongue
of The Cannonsburg Fm.
BANKS of Corbula in
a brown calc sh
lens. above a 1 m
lignite

WD 121

7/13/04

Croc. Vert





JULY 19, 2004

W. DAN PAPPAS, PH.D. PAUL
EVANS

PX Signal Bottle I

Upper - Tullock

Whole Lcho

Y Lower Tongue B.

PX C" or Big Dirty Cont.

Contact between

Lcho & Tullock

No Data

Tullock here 100m

Lcho 80-90

XTAMP 500 Data

100 m / 10° X 10°

July 20, 2004

NOTES ON Holodiscus
collected

NEAR Targhee ID
(S of Sandpoint, on
Lake Pend Oreille).

15:15:15:5

↓
HAS HAIRS on PETALES

Lvs w sometimes doubled
Rosoid teeth looks
like Ceanothus.

Lvs. AIT. bark brownish
grey.

July 21 2004

Pyramid Butte Section

STARTS IN H.C.

Crossed The K/T Bdy

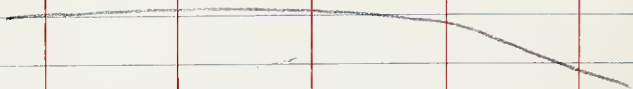
Sample #	Str	D.D
2 A	113	81

201

21

SACHEM WOOD
DRUMLIN

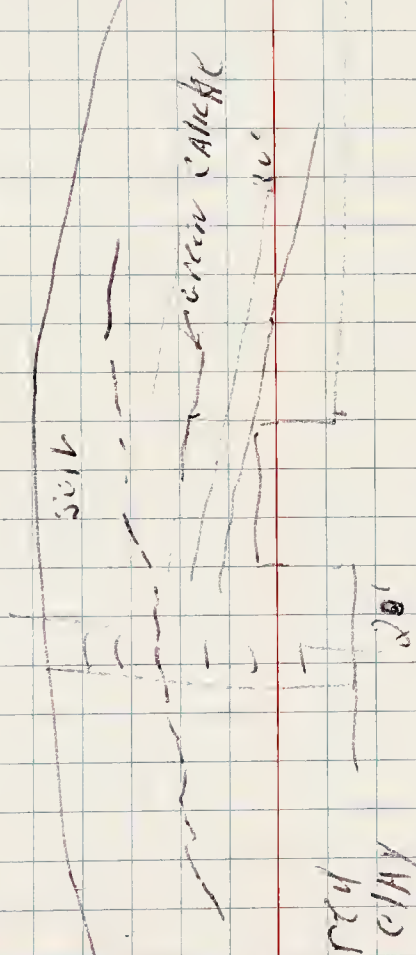
12/15/04



ICE CONTACT
DRAINAGE

17

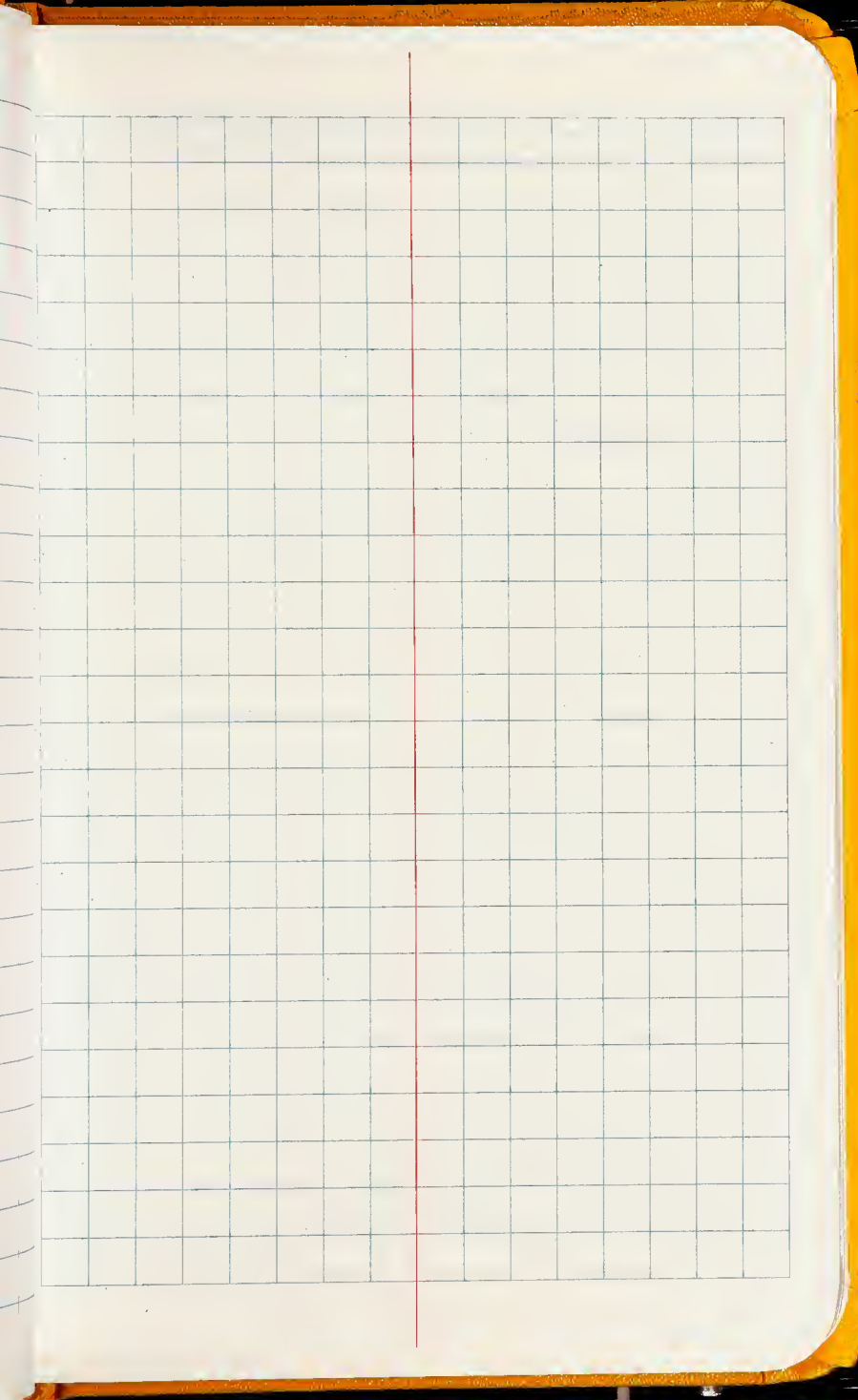
W.



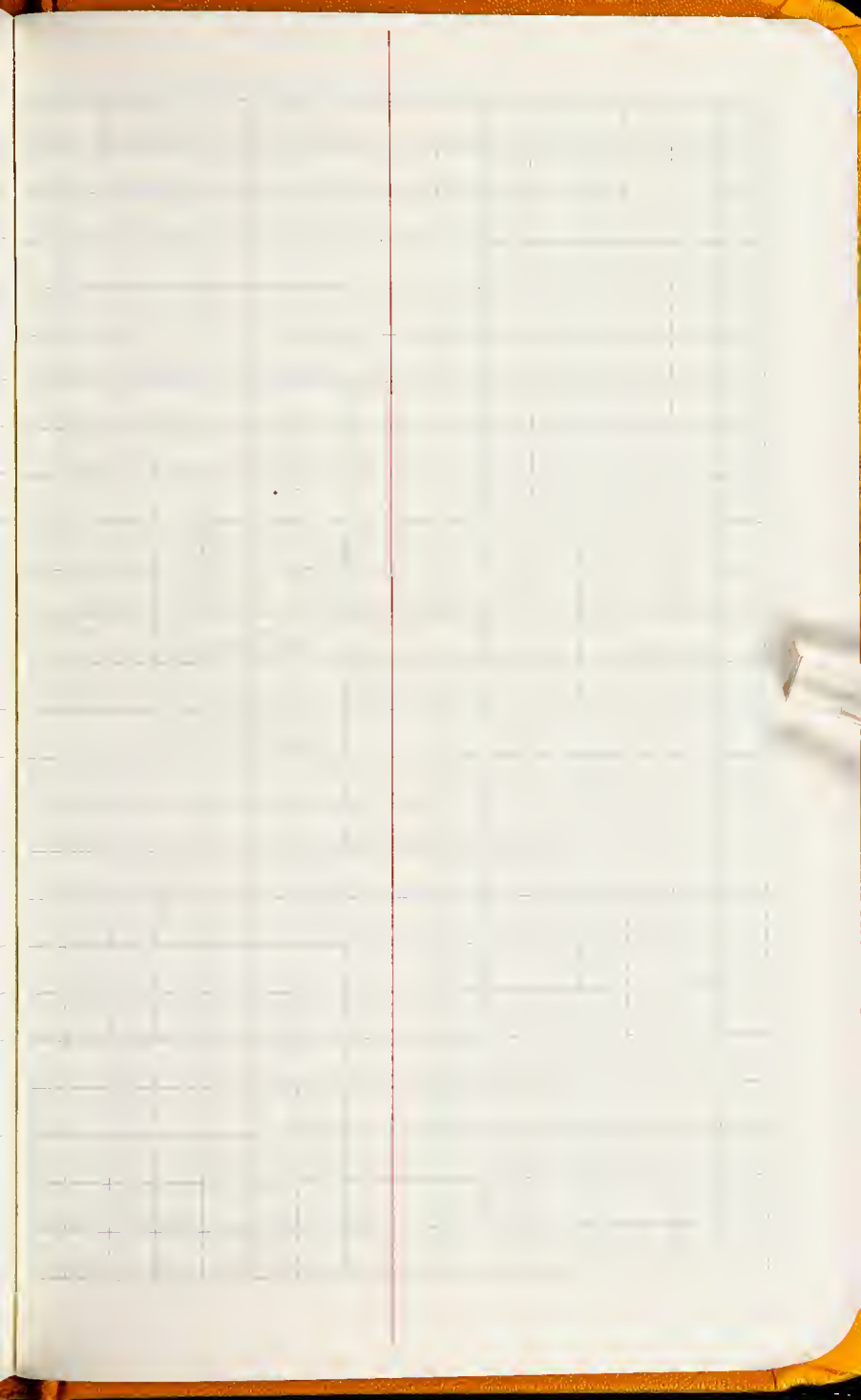
New Haven Arkose
w/ caliche layer
stuffed

Drift is decayed,
rubble in grey











Camels BUTTE	55 m
Bear Den Mbr	20 m
Sentinel BUTTE	204 m
Tonave Riv.	120 m
Ludlow	180 m
	580

	25
24	580
	48
	100



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CURVE FORMULAE

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Rain-resistant fine quality ledger paper, bound in high-visibility durable yellow imitation leather. Printed in waterproof ink.

Stock No. 8152-00 Transit Field Book. Size $4\frac{1}{2} \times 7\frac{1}{4}$ inches.

Stock No. 8152-05 Economy Field Book. Spiral bound, Paperback. Size $4\frac{1}{2} \times 7\frac{1}{4}$ inches.

Stock No. 8152-10 Economy Field Book. Same as above except saddle stitched (stapled).

Left page blue horizontal lines; red vertical lines.

Right page 4 horizontal and 8 vertical blue lines; red vertical center line.

Stock No. 8152-20 Mining Transit Book. Size $4\frac{1}{2} \times 7\frac{1}{4}$ inches.

Left page blue horizontal lines; red vertical center line.

Right page 8 x 8 blue lines; red vertical lines.

Stock No. 8152-30 Engineers Field Book. Size $4\frac{1}{2} \times 7\frac{1}{4}$ inches.

Left page blue horizontal lines; red vertical lines.

Right page 10 x 10 blue lines; red vertical center line. Inch lines heavy.

Stock No. 8152-50 Level Book Size $4 \times 6\frac{1}{2}$ inches.

Stock No. 8152-55 Level Book Size $4\frac{1}{2} \times 7\frac{1}{4}$ inches.

Both pages blue horizontal lines; red vertical lines. 6 vertical columns.

Stock No. 8152-60 Field Book. Size $4\frac{1}{2} \times 7\frac{1}{4}$ inches.

Left page blue horizontal lines; red vertical lines.

Right page 4 x 4 blue lines; red vertical center line.

Stock No. 8152-75 Cross Section Book. Size $6\frac{1}{2} \times 8\frac{1}{2}$ inches.

Both pages 10 x 10 blue lines; inch lines slightly heavier.

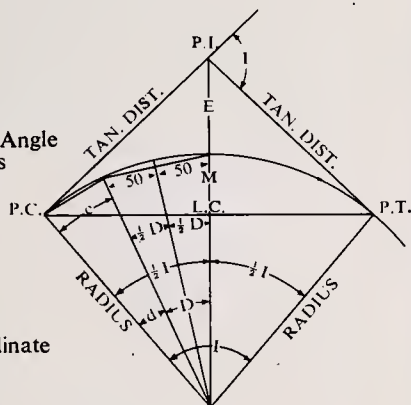
Stock No. 8152-80 Duplicating Transit Book. Size $4\frac{1}{2} \times 7\frac{1}{4}$ inches.

Left page blue horizontal lines; red vertical lines.

Right page 4 horizontal and 8 vertical blue lines; red vertical center line. Pages numbered and perforated. Carbon paper.

CURVE FORMULAE

- D = Degree of Curve
 1° = 1-Degree of Curve
 2° = 2-Degree of Curve
 P.C. = Point of Curve
 P.T. = Point of Tangent
 P.I. = Point of Intersection
 I = Intersection of Angle, Angle between Two Tangents
 L = Length of Curve, from P.C. to P.T.
 T = Tangent Distance
 E = External Distance
 R = Radius
 L.C. = Length of Chord
 M = Length of Middle Ordinate
 c = Length of Sub-Chord
 d = Angle of Sub-Chord



$$R = \frac{L.C.}{2 \sin \frac{1}{2} I} \quad T = R \tan \frac{1}{2} I = \frac{L.C.}{2 \cos \frac{1}{2} I}$$

$$\frac{L.C.}{2} = R \sin \frac{I}{2}, D 1^\circ = R = 5730, D 2^\circ = \frac{5730}{2}, D = \frac{5730}{R}$$

$$M = R (1 - \cos \frac{1}{2} I), = R - R \cos \frac{I}{2}$$

$$\frac{E + R}{R} = \sec \frac{I}{2}, \frac{R - M}{R} = \cos \frac{I}{2}$$

$$c = 2 R \sin \frac{1}{2} d, d = \frac{c}{2 R}$$

$$L.C. = 2 R \sin \frac{1}{2} I, E = R (\sec \frac{1}{2} I - 1), = R \sec \frac{I}{2} - R$$

Minutes in Decimals of a Degree

1'	.0167	11'	.1833	21'	.3500	31'	.5167	41'	.6833	51'	.8500
2	.0333	12	.2000	22	.3667	32	.5333	42	.7000	52	.8667
3	.0500	13	.2167	23	.3833	33	.5500	43	.7167	53	.8833
4	.0667	14	.2333	24	.4000	34	.5667	44	.7333	54	.9000
5	.0833	15	.2500	25	.4167	35	.5833	45	.7500	55	.9167
6	.1000	16	.2667	26	.4333	36	.6000	46	.7667	56	.9333
7	.1167	17	.2833	27	.4500	37	.6167	47	.7833	57	.9500
8	.1333	18	.3000	28	.4667	38	.6333	48	.8000	58	.9667
9	.1500	19	.3167	29	.4833	39	.6500	49	.8167	59	.9833
10	.1667	20	.3333	30	.5000	40	.6667	50	.8333	60	1.0000

Inches in Decimals of a Foot

$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	
.0052	.0078	.0104	.0156	.0208	.0260	.0313	.0417	.0521	.0625	.0729
1	2	3	4	5	6	7	8	9	10	11
.0833	.1667	.2500	.3333	.4167	.5000	.5833	.6667	.7500	.8333	.9167

SOKKIA

MADE IN U.S.A.